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File: DWPI

Aug 20, 1992

DERWENT-ACC-NO: 1992-332077

DERWENT-WEEK: 199241

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TITLE: Compsn. for treating strain, sprain and inflammation, esp in racehorses - contains DMSO, copper sulphate, magnesium sulphate, filler and water

INVENTOR: MCCARTHY, E S

PATENT-ASSIGNEE:

ASSIGNEE	CODE
WINNING POWER PTY LTD	WINNN

PRIORITY-DATA: 1991AU-0070923 (February 8, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 9170923 A	August 20, 1992		011	A61K031/10

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
AU 9170923A	February 8, 1991	1991AU-0070923	

INT-CL (IPC): A61K 31/10; A61K 33/06; A61K 33/34

ABSTRACTED-PUB-NO: AU 9170923A

BASIC-ABSTRACT:

Therapeutic compsn. (I) comprises DMSO, CuSO₄, MgSO₄, filler and water.

Pref. (I) comprises 1.0-6.0 (pref. 2.0) wt.% DMSO, 1.0-4.0 (pref. 2.0) wt.% CuSO₄, 20-60 (pref. 30) wt.% MgSO₄, 20-60 (pref. 30) wt.% kaolin and balance water.

USE/ADVANTAGE - (I) is useful for treating strains, sprains, general soreness and inflammatory conditions, esp. in racehorses. The effects of the treatment are rapid reduction in soreness and swelling and a conditioning of the horse for running at its maximum potential. Synergism is shown whereby the anti-inflammatory properties of the DMSO are undiminished but there is a significant redn. in heating of the affected region. The unpleasant characteristics of DMSO are completely masked and the prod. can be safely used without detriment to the user or animal.

CHOSEN-DRAWING: Dwg. 0/0

TITLE-TERMS: COMPOSITION TREAT STRAIN SPRAIN INFLAMMATION RACEHORSE CONTAIN DMSO COPPER SULPHATE MAGNESIUM SULPHATE FILL WATER

DERWENT-CLASS: B05 B06 C03 D22

CPI-CODES: B05-A01B; C05-A01B; B05-A03A; C05-A03A; B05-C05; C05-C05; B10-A10; C10-A10; B12-C09; C12-C09; B12-D07; C12-D07; B12-L09; C12-L09; D09-C04C;

CHEMICAL-CODES:

Chemical Indexing M2 *01*

Fragmentation Code

C216 K0 K4 K442 M210 M211 M271 M282 M320 M416
M431 M620 M782 M903 M904 M910 P420 P517 P861 P943

R021 R041 R052

Specfic Compounds

00274U

Registry Numbers

92407

Chemical Indexing M2 *02*

Fragmentation Code

A429 A940 C108 C316 C540 C730 C801 C802 C803 C804
C805 M411 M431 M782 M903 M904 M910 P420 P517 P861
P943 R021 R032 R041 R052

Specfic Compounds

01759U

Registry Numbers

92407

Chemical Indexing M2 *03*

Fragmentation Code

A212 A940 C108 C316 C540 C730 C801 C802 C803 C804
C805 M411 M431 M782 M903 M904 M910 P420 P517 P861
P943 R021 R032 R041 R052

Specfic Compounds

01680U

Registry Numbers

92407

Chemical Indexing M6 *04*

Fragmentation Code

M903 P420 P517 P861 P943 R021 R041 R052 R111 R150
R210

Registry Numbers

92407

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0274U; 1680U ; 1759U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1992-147656

TITLE: Poultice containing dimethylsulfoxide, copper sulfate and magnesium sulfate

INVENTOR(S): McCarthy, Eric Sydney

PATENT ASSIGNEE(S): Winning Power Pty. Ltd., Australia

SOURCE: Pat. Specif. (Aust.), 9 pp.

CODEN: ALXXAP

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
AU 631294	B2	19921119	AU 1991-70923	19910208
AU 9170923	A1	19920820		

ABSTRACT

The title poultice was prepared for the treatment of strains, sprains and inflammatory conditions. A horse having sore front shins was topically treated with a composition containing DMSO 20, CuSO₄.7H₂O 20, MgSO₄.7H₂O 300, kaolin 300, and water 360 g/kg for 7 days. At the end of the treatment the swelling was reduced to zero and the horse showed no sign of soreness and was in peak condition.